



DEFAULT CACHE SETTINGS

- › Default Timeout = 45
- › Last Access Timeout = 20
- › Reap Frequency = 3 min
- › Max Objects = 100
- › JVM Threshold = 10% Free
- › Eviction Policy = LFU
- › useLastAccess = True

FRAMEWORK DEFAULTS

- › LogFileEncoding = ISO-8859-1
- › LogFileMaxSize = 5000kb
- › LogsMaxArchives = 5
- › DefaultFileCharSet = ISO-8859-1
- › DefaultLogDirectory = logs
- › Default Event Name = event
- › MessageboxStorage = session

CORE PLUGINS

- › applicationstorage
- › beanFactory
- › cfcViewer
- › clientstorage
- › cookiestorage
- › i18n
- › ioc
- › JavaLoader
- › logger
- › messagebox
- › MTlogger
- › queryHelper
- › renderer
- › resourceBundle
- › sessionstorage
- › StringBuffer
- › timer
- › Utilities
- › webservices
- › XMLParser
- › zip

CORE INTERCEPTORS

- › environmentControl
- › executionTracer
- › ses

APPLICATION STRUCTURE

- ➔ config
- ➔ handlers
- ➔ interceptors
- ➔ layouts
- ➔ logs
- ➔ model
- ➔ plugins
- ➔ views
- ✦ Application.cfc
- ✦ Index.cfm
- ✦ coldboxproxy.cfc

URL ACTIONS (INDEX.CFM?)

- › fwreinit=1
- › fwreinit={reinitPassword}
- › debugmode=true
- › debugpass={DebugPass}
- › fwcache=anything
- › dumpvar=varlist
- › debugpanel={panel}

DEFAULT SES ROUTES

- › :handler/:action/:id
- › :handler/:action
- › :handler

IMPLICIT EVENTS

- › preHandler
- › postHandler

RESERVED PROPERTIES

- › controller = ColdBox
- › instance = structure
- › instance.__hash

PLUGINS-INTERCEPTORS-HANDLER METHODS

- › getHash()
- › getDataSource(alias)
- › getfwLocale()
- › getMailSettings()
- › getResource(resource)
- › getSettingsBean()
- › announceInterception(state,interceptData)
- › renderView([view])
- › renderExternalView(view)
- › purgeView(view)
- › getMyPlugin(plugin,[newInstance])
- › getPlugin(plugin,[customPlugin],[newInstance])
- › getColdBoxOCM()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › getSetting(name,[fwSetting])
- › settingExists(name,[fwSetting])
- › setSetting(name,value)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])
- › runEvent(event)
- › getDebugMode()
- › setDebugMode(mode)
- › getController()
- › persistVariables(persist)
- › includeUDF(udfLibrary)
- › Relocate(url,[addToken])
- › Throw(message,[detail],[type])
- › Dump(var), Abort()
- › Include(template)

INTERCEPTOR METHODS

- › Configure()
- › getProperties(properties)
- › setProperties()
- › getProperty(name)
- › setProperty(name, value)
- › propertyExists(name)

INTERCEPTION POINTS

- › afterConfigurationLoad, afterAspectsLoad
- › sessionStart, SessionEnd
- › preProcess, postProcess
- › preEvent, postEvent
- › preRender, postRender
- › afterCacheElementInsert
- › afterCacheElementRemoved

CONTROLLER COMMON METHODS

- › getAppRootPath()
- › getColdboxOCM()
- › getRequestService()
- › getConfigSettings()
- › getColdboxSettings()
- › getAppHash()
- › getAppStartHandlerFired()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › getSetting(name,[fwSetting])
- › settingExists(name,[fwSetting])
- › setSetting(name,value)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])
- › runEvent(event)
- › persistVariables(persist)
- › Throw(), getUtil()

COLDBOX CACHE COMMON METHODS

✦ All timeouts are in minutes

- › Lookup(objectKey)
- › Get(objectKey)
- › Set(objectKey,MyObject,[Timeout],[LastAccessTimeout])
- › clearKey(objectKey)
- › clearEvent(eventSnippet,[queryString],[async])
- › clearAllEvents([async])
- › clearAllView([async])
- › getSize()
- › Getpool_metadata()
- › getItemTypes()
- › Reap()
- › LFUEviction()
- › LRUEviction()
- › expireAll()
- › expireKey(objectKey)
- › getCacheStats()

CUSTOM PLUGIN METHODS

- › Init()
- › getPluginPath

CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

- › pluginName
- › pluginDescription
- › pluginVersion

REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

- | | | |
|--|--|---|
| <ul style="list-style-type: none">› getCollection()› collectionAppend(collection,[overwrite])› Throw(message,[detail],[type])› getValue(name,[default])› setValue(name, value)› removeValue(name)› valueExists(name)› paramValue(name, value)› setView(view,[noLayout],[cache],[cacheTimeout],[LastAccessTimeout]) | <ul style="list-style-type: none">› getCurrentView()› getCurrentLayout()› setLayout()› getCurrentEvent()› getCurrentHandler()› getCurrentAction()› overrideEvent(event)› showDebugPanel(boolean)› getDebugPanelFlag()› isProxyRequest() | <ul style="list-style-type: none">› NoRender([remove])› getEventName()› getSelf()› getDefaultLayout()› getDefaultView()› getViewLayouts()› getFolderLayouts()› getSize() |
|--|--|---|



CACHE CONFIG ELEMENTS

- ▶ **ObjectDefaultTimeout** = Minutes
- ▶ **ObjectDefaultLastAccessTimeout** = Minutes
- ▶ **UseLastAccessTimeouts** = Boolean
- ▶ **MaxObject** = Integer (0 = Unlimited)
- ▶ **ReapFrequency** = Minutes
- ▶ **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- ▶ **EvictionPolicy** = LFU or LRU

APPLICATION,SESSION,CLIENT STORAGE PLUGINS

- ▶ **setVar**(name, value)
- ▶ **getVar**(name, [default])
- ▶ **deleteVar**(name)
- ▶ **exists**(name)

COOKIESTORAGE PLUGIN

- ▶ **setVar**(name, value, [expires=1])
- ▶ **Plus all the above methods**

BEANFACTORY PLUGIN

- ▶ **Create**(bean, [callInitFlag=false])
- ▶ **populateBean**(FormBean)

WEBSERVICES PLUGIN

- ▶ **getWS**(name)
- ▶ **getWSObj**(name)
- ▶ **refreshWS**(webservice)

IOC PLUGIN

- ▶ **configure**()
- ▶ **reloadDefinitionFile**()
- ▶ **getBean**(beanName)
- ▶ **getIOCFactory**()
- ▶ **getIOCFramework**()
- ▶ **getIOCDefinitionFile**()
- ▶ **getExpandedIOCDefinitionFile**()

JAVALOADER PLUGIN

- ▶ **setup**(loadPaths, [loadColdfusionClassPath=false], [parentClassLoader=])
- ▶ **create**(className)
- ▶ **getURLClassLoader**()
- ▶ **getVersion**()

MESSAGEBOX PLUGIN

- ▶ **getStorageScope**()
- ▶ **setMessage**(type,message)
- ▶ **getMessage**()
- ▶ **clearMessage**()
- ▶ **isEmpty**()
- ▶ **renderIt**()

UTILITIES PLUGIN

- ▶ **isCFUUID**(inStr)
- ▶ **isEmail**(str)
- ▶ **isURL**(str)
- ▶ **Sleeper**(milliseconds)
- ▶ **createArray**(str)
- ▶ **createStruct**(str)
- ▶ **getOSFileSeparator**()
- ▶ **getOSPathSeparator**()
- ▶ **getOSName**()
- ▶ **getInetHost**()
- ▶ **checkCharSet**(charset)
- ▶ **getIPAddress**()
- ▶ **getJavaRuntime**()
- ▶ **getJavaVersion**()
- ▶ **getJVMFreeMemory**()
- ▶ **getJVMTotalMemory**()
- ▶ **FileLastModified**(filename)
- ▶ **ripExtension**(filename)
- ▶ **createFile**(filename)
- ▶ **FileCanWrite**(filename)
- ▶ **FileCanRead**(filename)
- ▶ **isFile**(filename)

LOGGER & MTLOGGER PLUGIN

- ▶ **Tracer**(message, [extraInfo])
- ▶ **logErrorWithBean**(exceptionBean)
- ▶ **logError**(Message, [ExceptionStruct], [ExtraInfo])
- ▶ **logEntry**(Severity,Message,[ExtraInfo])
- ▶ **initLogLocation**([firstRunFlag])
- ▶ **removeLogFile**()
- ▶ **setLogFileName**(filename), **getLogFileName**()
- ▶ **setLogFullPath**(logFullPath(), **getLogFullPath**()
- ▶ **getValidSeverities**()

QUERYHELPER PLUGIN

- ▶ **filterQuery**(qry,field,value,cfsqltype)
- ▶ **sortQuery**(qry,sortBy,sortOrder)
- ▶ **getColumnArray**(qry,columnName)
- ▶ **getCountDistinct**(qry,columnName)
- ▶ **getRowNumber**(qry,columnValue,ColumnName)
- ▶ **doInnerJoin**(qryLeft,qryRight,LeftJoinColumn, RightJoinColumn,OrderByElement)
- ▶ **doQueryAppend**(qryFrom,qryTo)

RENDERER PLUGIN

- ▶ **purgeView**(view)
- ▶ **renderView**([view])
- ▶ **renderExternalView**(view)
- ▶ **renderLayout**()

TIMER PLUGIN

- ▶ **Start**(label)
- ▶ **Stop**(label)
- ▶ **logTime**(label, tickcount)
- ▶ **getTimerScope**()

STRINGBUFFER PLUGIN

- ▶ **subString**(startPos,endPos)
- ▶ **Delete**(startPos,endPost)
- ▶ **insertStr**(offset,inStr)
- ▶ **replaceStr**(startPos,endPos, inStr)
- ▶ **indexOf**(inStr,fromPos)
- ▶ **lastIndexOf**(inStr,fromPos)
- ▶ **setLength**(newLength)
- ▶ **Setup**(strIn,BufferLen)
- ▶ **reverseStr**()
- ▶ **Append**(strIn)
- ▶ **Length**()
- ▶ **Capacity**()
- ▶ **getString**()
- ▶ **getStringBuffer**()

CFC VIEWER

- ▶ **Setup**(dirpath,cfcpath,[accessTypeFilter])
- ▶ **getCFCMetadata**(cfcName)
- ▶ **getCFCs**()
- ▶ **getPKGs**()
- ▶ **Render**()

CONFIG SETTINGS

- ▶ AppMapping
- ▶ **Appname**
- ▶ ApplicationStartHandler
- ▶ CustomErrorTemplate
- ▶ CustomEmailBugReport
- ▶ ColdboxLogsLocation
- ▶ ConfigAutoReload
- ▶ DebugMode
- ▶ DebugPassword
- ▶ **DefaultEvent**
- ▶ EventName
- ▶ ExceptionHandler
- ▶ EnableBugReports
- ▶ EnableColdfusionLogging
- ▶ EnableDumpVar
- ▶ EnableColdboxLogging
- ▶ EventCaching
- ▶ HandlersIndexAutoReload
- ▶ HandlersExternalLocation
- ▶ HandlerCaching
- ▶ IOCFramework
- ▶ IOCDefinitionFile
- ▶ IOCObjectCaching
- ▶ MessageBoxStyleOverride
- ▶ MyPluginsLocation
- ▶ onInvalidEvent
- ▶ **OwnerEmail**
- ▶ ProxyReturnCollection
- ▶ RequestStartHandler
- ▶ RequestEndHandler
- ▶ RequestContextDecorator
- ▶ ReinitPassword
- ▶ SessionStartHandler
- ▶ SessionEndHandler
- ▶ UDFLibraryFile

***BOLD** = Required

CONFIG ELEMENTS

- ▶ YourSettings
- ▶ Setting @name @value
- ▶ MailServerSettings
- ▶ BugTracerReports>BugEmail
- ▶ DevEnvironments>url
- ▶ WebServices>WebService
- ▶ @name, @URL, @devURL
- ▶ Layouts
- ▶ DefaultLayout
- ▶ DefaultView
- ▶ Layout @name @file
- ▶ View
- ▶ Folder
- ▶ l18n
- ▶ DefaultResourceBundle
- ▶ DefaultLocale
- ▶ LocaleStorage
- ▶ Datasource>Datasource
- ▶ @alias, @name, @dbtype, @username, @password
- ▶ Interceptors
- ▶ CustomInterceptionPoints
- ▶ Interceptor @class
- ▶ Property @name

IOC FRAMEWORKS

- ▶ Coldspring
- ▶ LightWire